S 1256-2

State of Connecticut

Department of Public Safety

1979

HIGHWAY SAFETY REPORT

HON. ELLA GRASSO
Governor

DONALD J. LONG
Commissioner of Public Safety

FEB 11 1981

CONNECTICUT STATE POLICE
HIGHWAY SAFETY REPORT

January 1 - December 31, 1979

INTRODUCTION

This report contains the results of motor vehicle accident investigations and motor vehicle law enforcement carried out by the Division of State Police during calender year 1979. This information concerns itself solely with those highways for which the Connecticut State Police has patrol responsibility.

Excessive speed continues to be the single greatest cause of traffic fatalities occurring in State Police jurisdiction. For this reason, our emphasis on strict enforcement of the 55mph speed limit must continue.

Unfortunately, 1979 was a very tragic year on Connecticut's highways. More persons died as a result of traffic accidents than in any single year since these records have been kept. Fatalities in State Police jurisdiction were also unfortunately at a record level. These fatalities continue to occur most frequently on Saturday and Sunday from 10 P.M. to 3 A.M.

The misuse of alcohol continues to be a contributing factor in a significant number of fatal motor vehicle accidents. Studies in this area have shown that in order to more effectively deal with this problem changes should be made to both the Operating Under the Influence statutes and the Implied Consent statute.

The Connecticut State Police are constantly striving to reduce accidents and thus provide the maximum safety possible for the millions of people who use Connecticut's highways. Hopefully, through our ever increasing effort and with the help and awareness of the driving public, we will succeed in making our highways the safest in the nation.

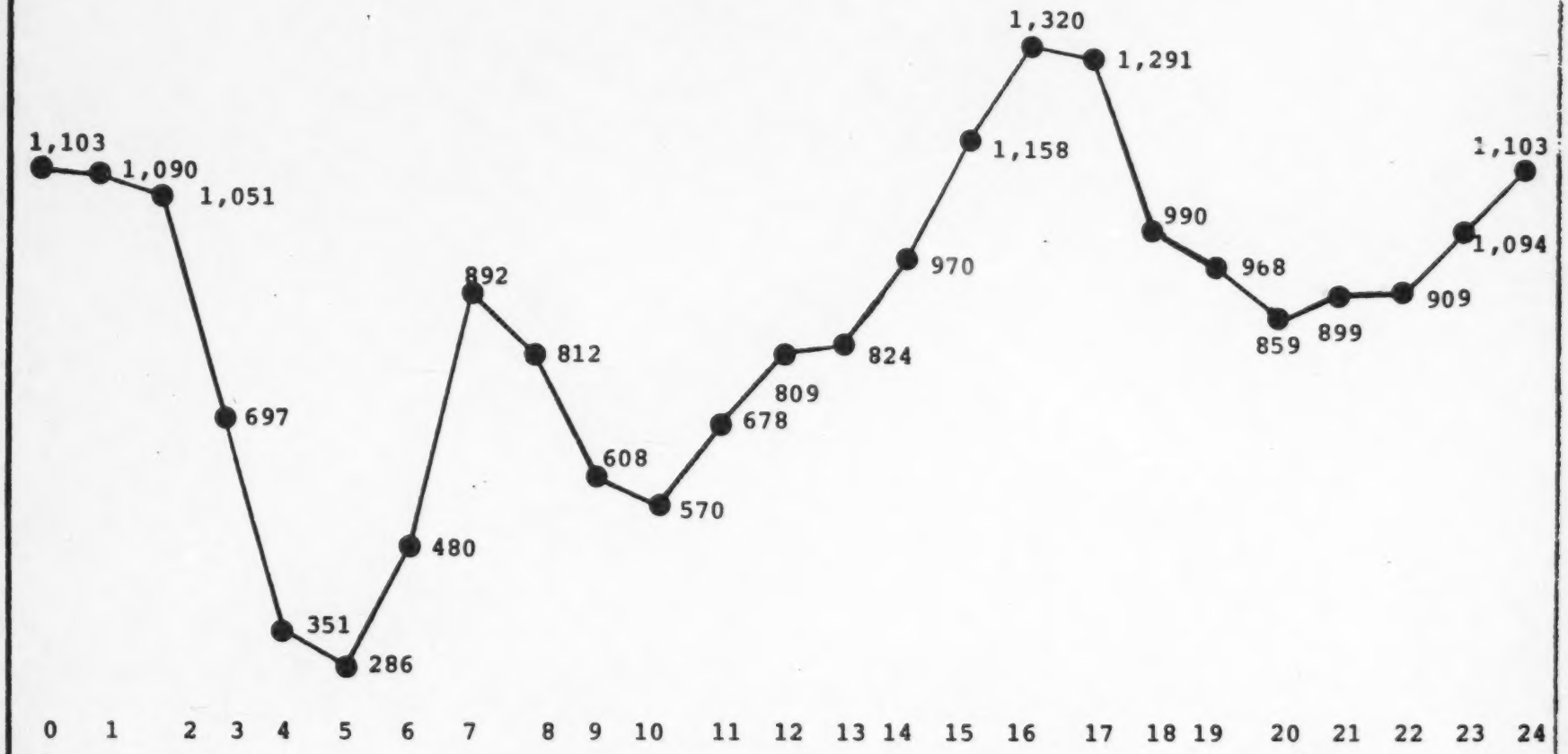
Donald J. Long
COMMISSIONER OF PUBLIC SAFETY

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (TIME OF DAY) .... ANNUAL 1979

TIME OF DAY	A	B	C	D	E	F	G	H	I	K	L	TOTALS
0000	102	39	86	50	115	107	126	186	128	104	60	1,103
0100	96	36	75	58	142	106	153	163	110	87	64	1,090
0200	88	38	78	61	148	102	113	171	113	74	65	1,051
0300	67	20	49	32	73	59	128	115	91	37	26	697
0400	33	18	28	10	40	29	56	58	44	21	14	351
0500	27	8	17	13	35	26	53	59	26	16	6	286
0600	52	14	31	19	43	37	97	77	58	40	14	480
0700	89	29	66	54	102	62	125	174	96	59	36	892
0800	87	34	53	23	60	59	148	148	115	50	35	812
0900	67	30	39	27	55	49	113	85	89	37	17	608
1000	57	32	42	28	53	43	90	84	68	44	29	570
1100	68	27	61	31	63	64	77	103	89	60	35	678
1200	99	41	76	41	72	66	122	118	90	45	39	809
1300	95	34	69	48	70	61	126	111	112	52	46	824
1400	104	42	77	55	101	91	108	131	126	80	55	970
1500	145	45	103	79	94	91	130	186	142	89	54	1,158
1600	114	57	123	71	119	105	153	247	149	109	73	1,320
1700	120	47	100	62	104	84	216	243	158	103	54	1,291
1800	94	38	87	64	95	81	156	123	121	73	58	990
1900	87	35	82	55	83	74	117	160	122	75	78	968
2000	75	30	60	47	98	64	127	141	91	58	68	859
2100	84	32	73	66	102	76	118	141	90	72	45	899
2200	82	35	81	78	101	86	102	122	98	74	50	909
2300	78	49	100	70	121	97	125	156	127	92	79	1,094
2400	1	2		2	3			2	1		1	12
UNKNOWN	4	5	5	10	12	6	5	5	4	2	4	62
UNKNOWN												0
TOTALS....	2,015	817	1,661	1,154	2,104	1,725	2,884	3,309	2,456	1,553	1,105	20,783

ACCIDENTS BY TIME OF DAY

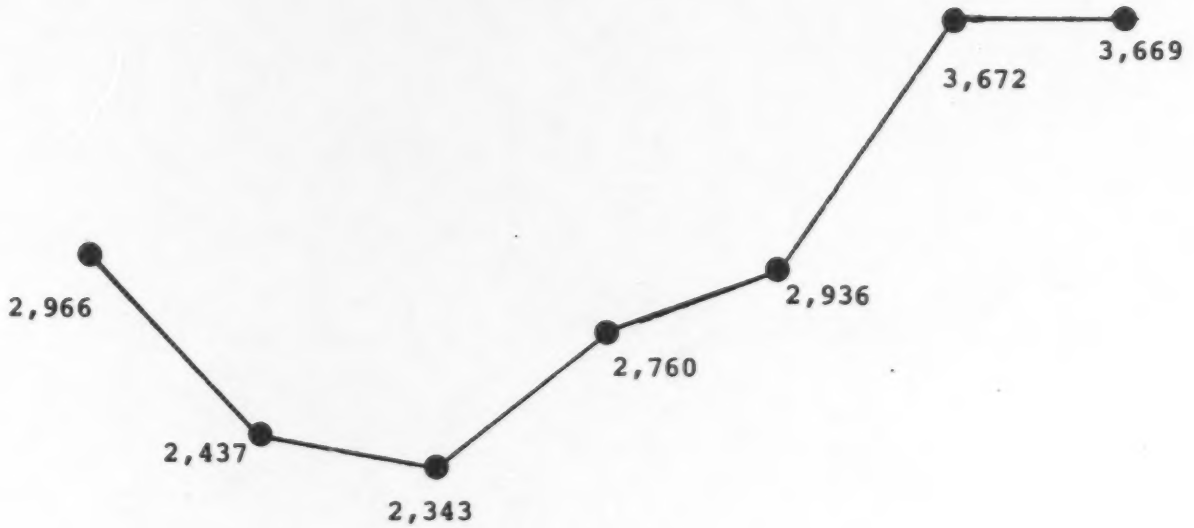


CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (DAY OF WEEK) .... ANNUAL 1979

DAY OF WEEK	A	B	C	D	E	F	G	H	I	K	L	TOTALS
MONDAY	288	97	225	161	341	276	431	428	324	224	171	2,966
TUESDAY	232	80	194	133	233	201	339	425	298	177	125	2,437
WEDNESDAY	246	89	151	144	221	192	360	397	285	168	92	2,343
THURSDAY	270	132	230	121	259	223	390	429	360	211	135	2,760
FRIDAY	294	127	230	154	290	229	410	481	356	204	161	2,936
SATURDAY	370	126	304	206	342	292	500	625	437	275	195	3,672
SUNDAY	315	166	327	235	418	312	454	524	396	296	226	3,669
UNKNOWN												0
TOTALS....	2,015	817	1,661	1,154	2,104	1,725	2,884	3,309	2,456	1,553	1,105	20,783

ACCIDENTS BY DAY OF WEEK



TOTAL MOTOR VEHICLE ACCIDENTS REPORTED BY MONTH

MONTH	A	B	C	D	E	F	G	H	I	K	L	TOTAL
JAN.	223	104	188	105	212	168	329	322	256	182	133	2,232
FEB.	202	68	143	89	195	169	287	302	211	137	96	1,899
MARCH	155	55	90	74	140	124	202	270	192	102	77	1,481
APRIL	114	48	133	82	150	112	244	246	173	104	76	1,482
MAY	155	62	116	84	172	137	245	296	194	137	89	1,687
JUNE	136	78	131	96	170	150	181	231	163	123	88	1,547
JULY	135	71	127	99	165	163	190	221	133	114	69	1,487
AUG.	148	68	141	94	173	107	180	273	200	120	85	1,589
SEPT.	154	56	154	95	177	143	239	267	177	109	102	1,673
OCT.	192	56	111	110	168	115	227	300	217	123	96	1,715
NOV.	166	60	158	96	160	119	211	258	239	149	63	1,679
DEC.	198	81	128	112	164	143	271	294	229	136	115	1,871
TOTAL	1,988	807	1,620	1,136	2,046	1,650	2,806	3,280	2,384	1,536	1,089	20,342

TOTAL MOTOR VEHICLE ACCIDENTS
5 YEAR COMPARISON

YEAR	TOTAL ACCIDENTS	PROPERTY DAMAGE	PERSONS INJURED	FATALS	SP-300-C	TOTAL ACCS. REPORTED
1975	14,249	8,765	5,345	139	4,552	18,801
% Change	- 3%	- 3%	- 12%	- 3%	- 2%	- 3%
1976	13,878	8,994	4,759	134	4,467	18,345
% Change	+21%	+26%	+11%	+25%	-22%	+10%
1977	16,790	11,321	5,302	167	3,471	20,261
% Change	+ 5%	+ 5%	+ 5%	+ 3%	-23%	+ .15%
1978	17,636	11,929	5,556	172	2,655	20,291
% Change	+18%	+21%	+11%	+33%	N/A	+ 2%
1979	20,783	14,408	6,147	228	N/A	20,783

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (TYPE OF ACCIDENT) .... ANNUAL 1979

TYPE ACCIDENT	A	B	C	D	E	F	G	H	I	K	L	TOTALS
RAN OFF ROAD	831	375	641	445	903	739	869	1,012	778	630	494	7,717
OVERTURNED	33	6	34	15	20	23	22	30	27	24	23	257
NON COLLISION	8	4	4	1	6	3	16	17	18		4	81
OTHER MV	819	259	727	455	740	647	1,542	1,757	1,244	623	376	9,189
PARKED MV	47	27	40	43	83	57	70	114	51	48	40	620
PEDESTRIAN	18	7	20	28	35	14	17	22	16	19	6	202
ANIMAL	33	38	23	24	56	42	24	20	20	33	33	346
BICYCLIST	5	3	14	11	10	8		1	3	8	5	68
RR TRAIN				1		1				1		3
FIXED OBJECT	142	65	122	105	190	156	199	248	206	136	98	1,667
OTHER OBJECT	79	32	36	26	61	35	125	88	93	31	26	632
UNKNOWN												1
TOTALS....	2,015	818	1,661	1,154	2,104	1,725	2,884	3,309	2,456	1,553	1,105	20,782

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (BY ROUTES) .... ANNUAL 1979

ROUTE	A	B	C	D	E	F	G	H	I	K	L	TOTALS
CONN. TURNPIKE	0			56	129	409	2,047		851			3,492
STATE ROUTES	597	595	875	638	974	926	205	650	750	1,010	720	7,940
MERRITT PKWY.							617					617
W.C. PARKWAY			2					79	278			359
INTERSTATE 84	924		1					982		42		1,949
INTERSTATE 86			263			1		187		4		455
INTERSTATE 91								1,180	421			1,601
INTERSTATE 95					374							374
RURAL ROADS	494	222	520	460	627	389	15	231	156	497	385	3,996
UNKNOWN												0
TOTALS....	2,015	817	1,661	1,154	2,104	1,725	2,884	3,309	2,456	1,553	1,105	20,783

CONNECTICUT STATE POLICE ....

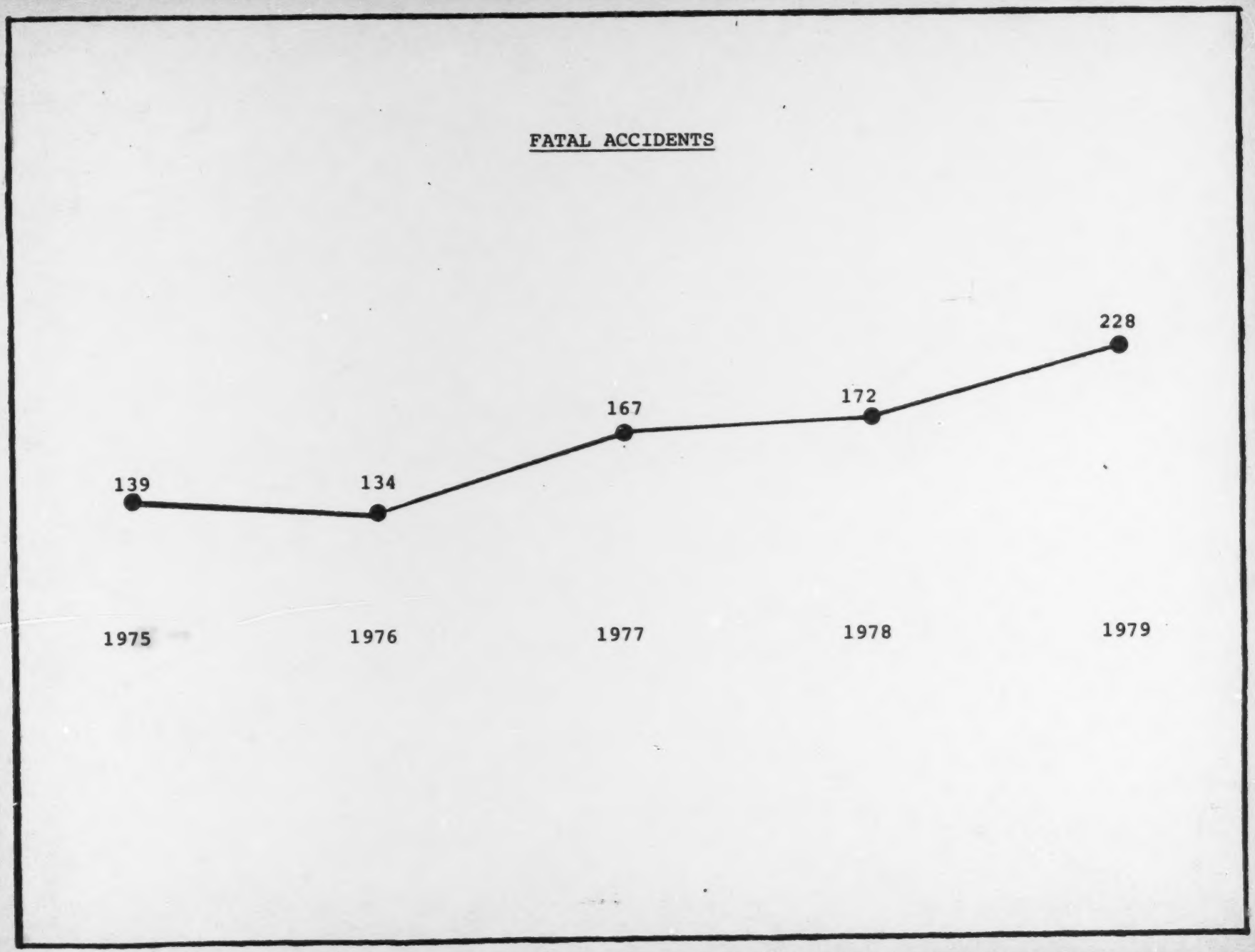
MV ACCIDENT REPORT (NO. OF DEATHS. INJURIES. ETC. BY ROUTE) .... ANNUAL 1979

	TROOP	NO. OF DEATHS	NO. OF INJURIES	FATAL ACCIDENTS	NON-FATAL INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	
CONN. TURNPIKE	D	1	9	1	5	50	
	E	1	61	1	36	92	
	F	1	180	1	119	289	
	G	25	770	22	494	1.531	
	I	8	404	7	254	590	
		36	1.424	32	908	2.552	***
STATE ROUTES	A	5	315	5	198	394	
	B	11	263	7	177	411	
	C	11	463	11	299	565	
	D	15	355	13	230	395	
	E	24	498	21	310	643	
	F	9	499	9	338	579	
	G	3	57	3	41	161	
	H	5	292	4	199	447	
	I	10	374	9	235	506	
	K	20	537	19	315	676	
	L	9	323	8	212	500	
		122	3.976	109	2.554	5.277	***
MERRITT PKWY.	G	8	224	6	156	455	
		8	224	6	156	455	***
W.C. PARKWAY	C					2	
	H		31		23	56	
	I	2	120	2	92	184	
		2	151	2	115	242	***
INTERSTATE 84	A	7	367	6	251	667	
	C					1	
	H	17	392	15	262	705	
	K		15		12	30	
		24	774	21	525	1.403	***

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (NO. OF DEATHS. INJURIES. ETC. BY ROUTE) .... ANNUAL 1979

	TROOP	NO. OF DEATHS	NO. OF INJURIES	FATAL ACCIDENTS	NON-FATAL INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	
INTERSTATE 86	C	7	118	5	70	188	
	F					1	
	H	4	57	3	44	140	
	K					4	
		11	175	8	114	333	***
INTERSTATE 91	H	4	477	2	315	863	
	I	2	186	2	126	293	
		6	663	4	441	1.156	***
INTERSTATE 95	E	3	180	3	111	260	
		3	180	3	111	260	***
RURAL ROADS	A		205		141	353	
	B	2	102	1	63	158	
	C	3	232	6	165	349	
	D	6	227	6	154	300	
	E	1	302	1	202	424	
	F	2	165	2	135	252	
	G		5		5	10	
	H		70		47	184	
	I	1	85	1	63	92	
	K	5	233	5	165	327	
	L	3	144	2	102	281	
		26	1.770	24	1.242	2.730	***
GRAND TOTALS.....		238	9.337	209	6.166	14.408	


FATAL ACCIDENTS
139
134
167
172
228
1975
1976
1977
1978
1979

FATAL ACCIDENT CAUSES

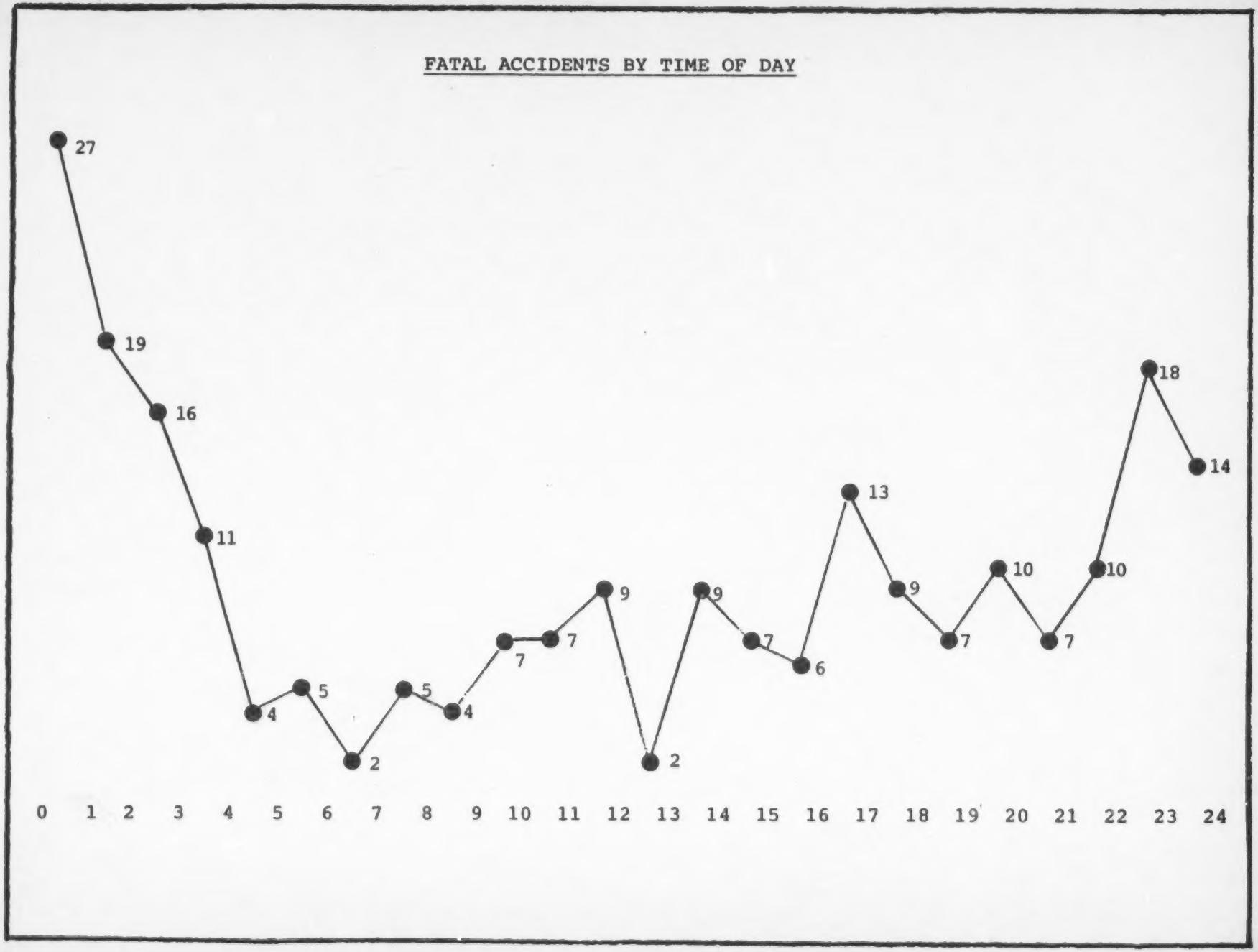
EXCESSIVE SPEED	62
OPERATING UNDER THE INFLUENCE	23
OTHER IMPROPER DRIVING	69
RECKLESS USE OF HIGHWAY BY PEDESTRIAN	20
OTHER CAUSES OR UNKNOWN	54
TOTAL	228

FATAL ACCIDENTS BY DAY OF WEEK

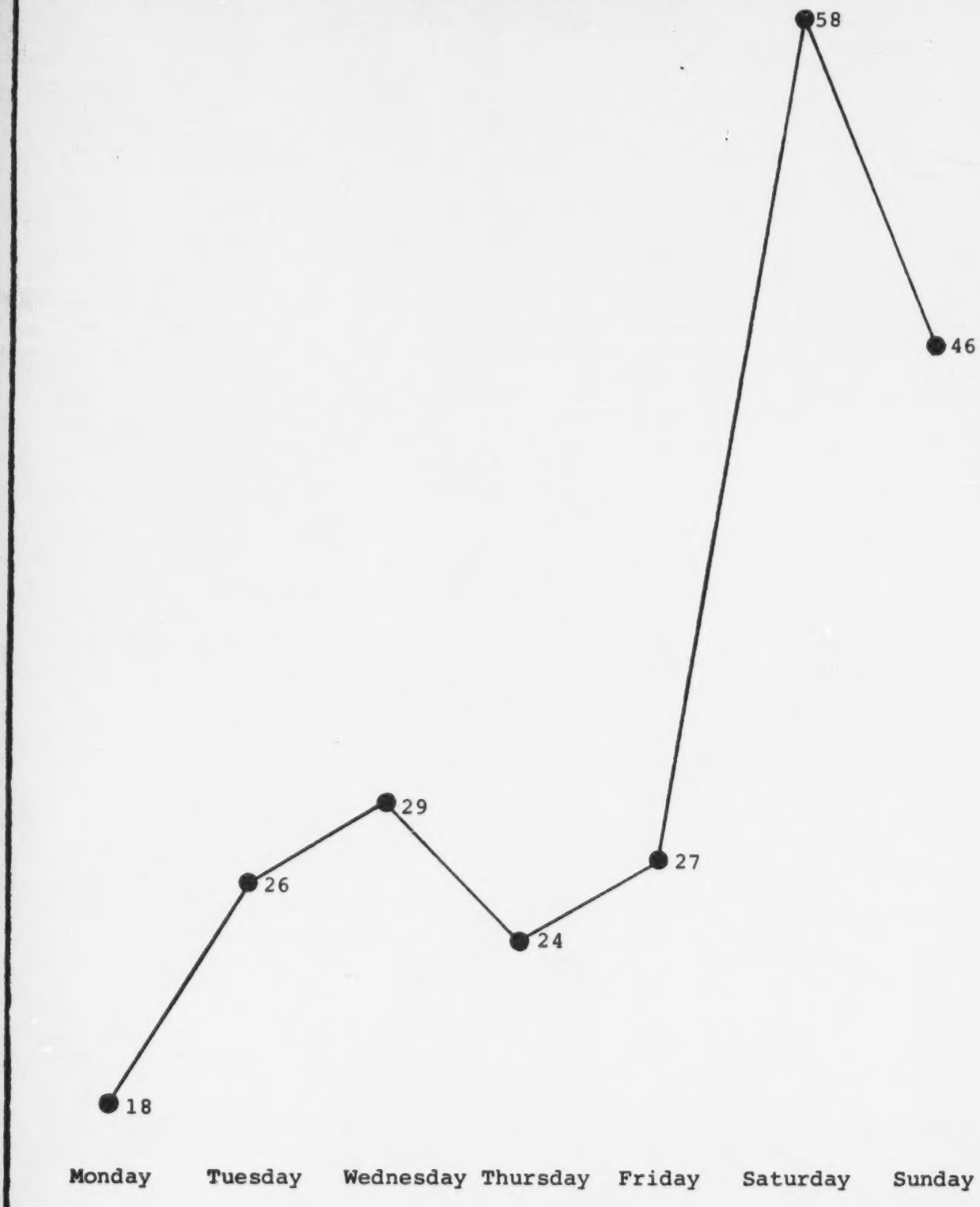
Monday	18
Tuesday	26
Wednesday	29
Thursday	24
Friday	27
Saturday	58
Sunday	46
	228

FATAL ACCIDENTS BY TIME OF DAY

0001 - 0100	27	1200 - 1300	2
0100 - 0200	19	1300 - 1400	9
0200 - 0300	16	1400 - 1500	7
0300 - 0400	11	1500 - 1600	6
0400 - 0500	4	1600 - 1700	13
0500 - 0600	5	1700 - 1800	9
0600 - 0700	2	1800 - 1900	7
0700 - 0800	5	1900 - 2000	10
0800 - 0900	4	2000 - 2100	7
0900 - 1000	7	2100 - 2200	10
1000 - 1100	7	2200 - 2300	18
1100 - 1200	9	2300 - 2400	14
	116		112

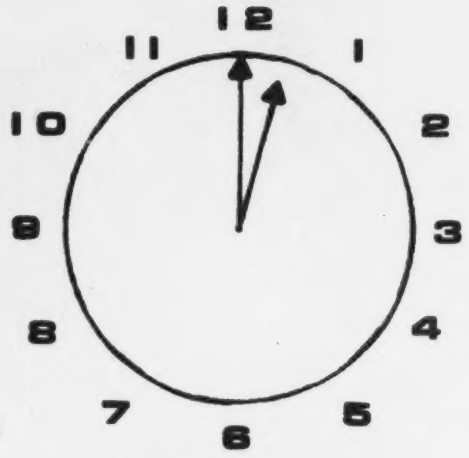

FATAL ACCIDENTS BY TIME OF DAY
27
19
16
11
4
5
2
5
4
7
7
9
2
9
7
6
13
9
7
10
7
10
18
14
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

FATAL ACCIDENTS BY DAY OF WEEK

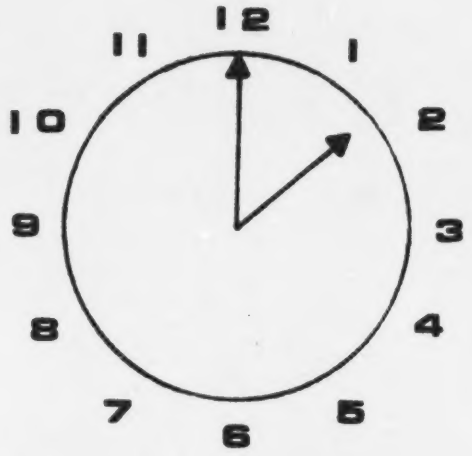


MOTOR VEHICLE DEATH RATE
PER 100 MILLION VEHICLE MILES

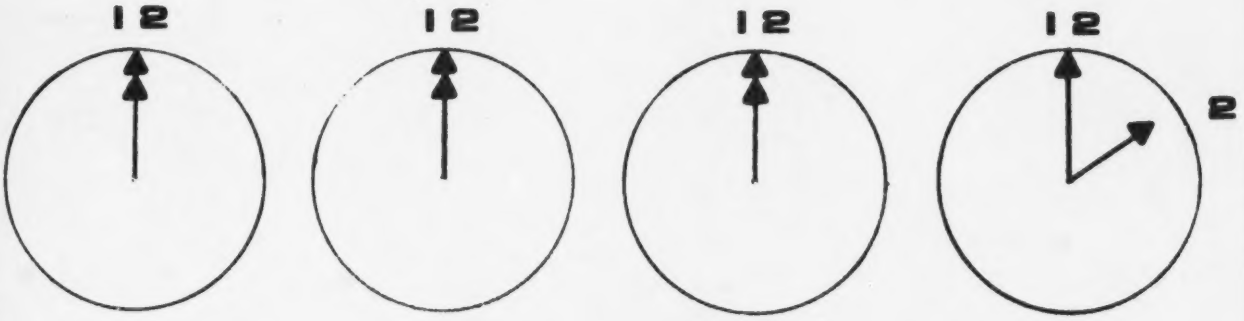
YEAR	CONNECTICUT	RANK	UNITED STATES
1975	2.2	2	3.5
1976	2.2	3	3.3
1977	2.3	4	3.4
1978	2.4	3	3.4
1979	2.9	8	3.4



1 accident occurs
every 25.289 minutes



1 personal injury accident
occurs every 1.42 hours



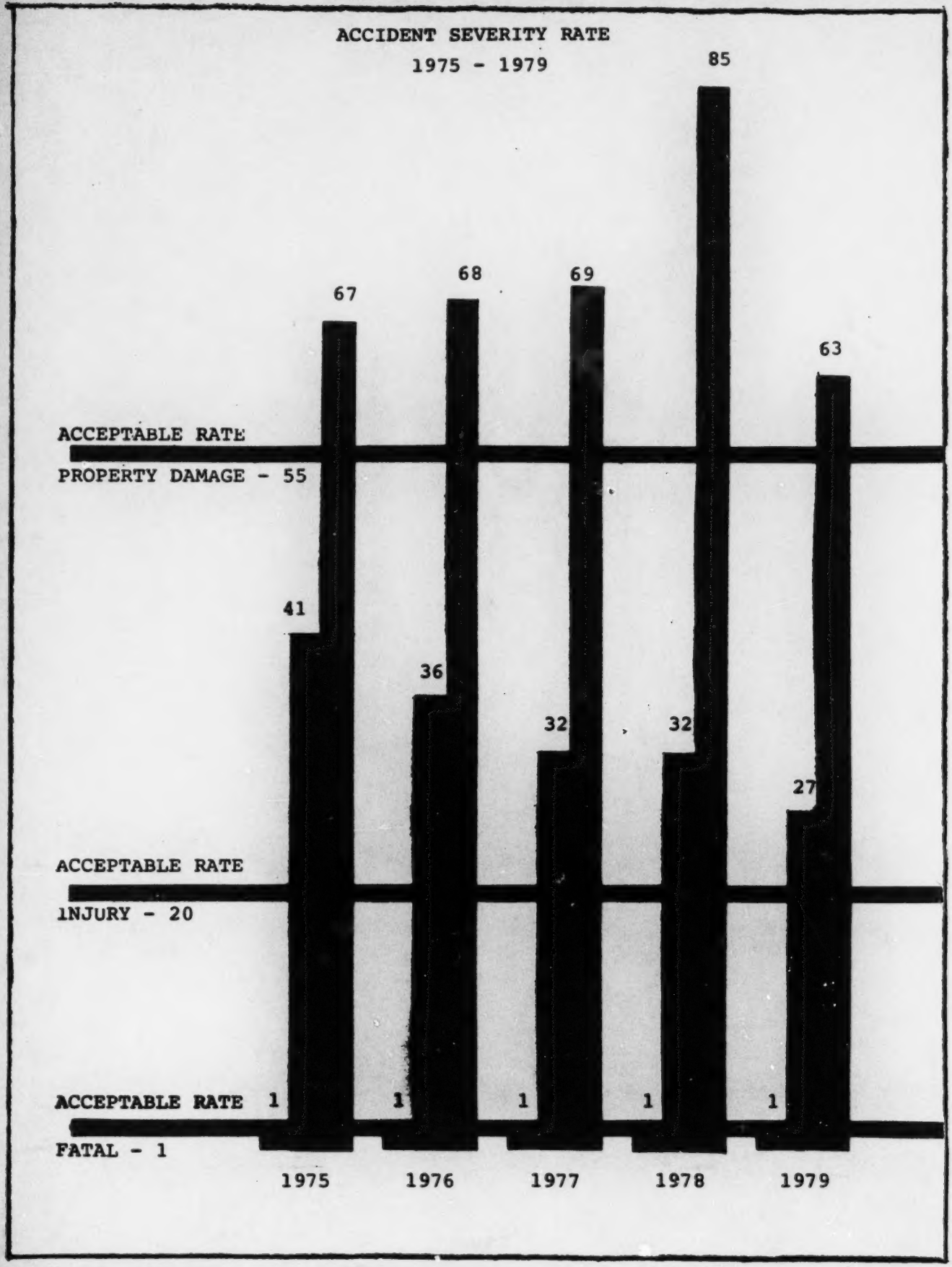
1 fatal accident occurs every 38.42 hours

ACCIDENT SEVERITY RATE

This rate establishes a standard for the number of personal injury accidents and property damage accidents occurring per each fatal accident occurring in an agency's jurisdiction. The acceptable rate for the Connecticut State Police jurisdiction is 1:20:55 (20 personal injury accidents per fatal accident and 55 property damage accidents per fatal accident). It has been assumed that when the property damage accident rate drops below 55 the agency is not providing an adequate highway safety effort.

The State Police Accident Severity Rate for 1979 was:

1:27:63


ACCIDENT SEVERITY RATE
1975 - 1979
85
67
68
69
63
ACCEPTABLE RATE
PROPERTY DAMAGE - 55
41
36
32
32
27
ACCEPTABLE RATE
INJURY - 20
ACCEPTABLE RATE
1
1
1
1
1
FATAL - 1
1975
1976
1977
1978
1979

SELECTIVE ENFORCEMENT STANDARDS AND RATES

It has always been the aim of police administrators to establish standards that measure the effectiveness of Traffic Law Enforcement Programs. Although this aim has not been totally achieved, some formulas and rates have been established to set points where enforcement is effective and any additional enforcement fails to produce a corresponding decrease in motor vehicle accidents.

The two most commonly used rates are the Enforcement Index and the Accident Severity Rate. These rates are recognized by the International Association of Chiefs' of Police (I.A.C.P.) and the Traffic Institute of Northwestern University as useful means of evaluating enforcement efforts.

THE ENFORCEMENT INDEX

$$E1 = \frac{\text{Convictions with penalty for hazardous moving violations}}{\text{Personal Injury and Fatal accidents}}$$

The minimum effective rate is declared to be 20.

State Police Rate for 1979: 17*

* Assuming a 100% conviction rate for State Police Hazardous Moving Violation arrests

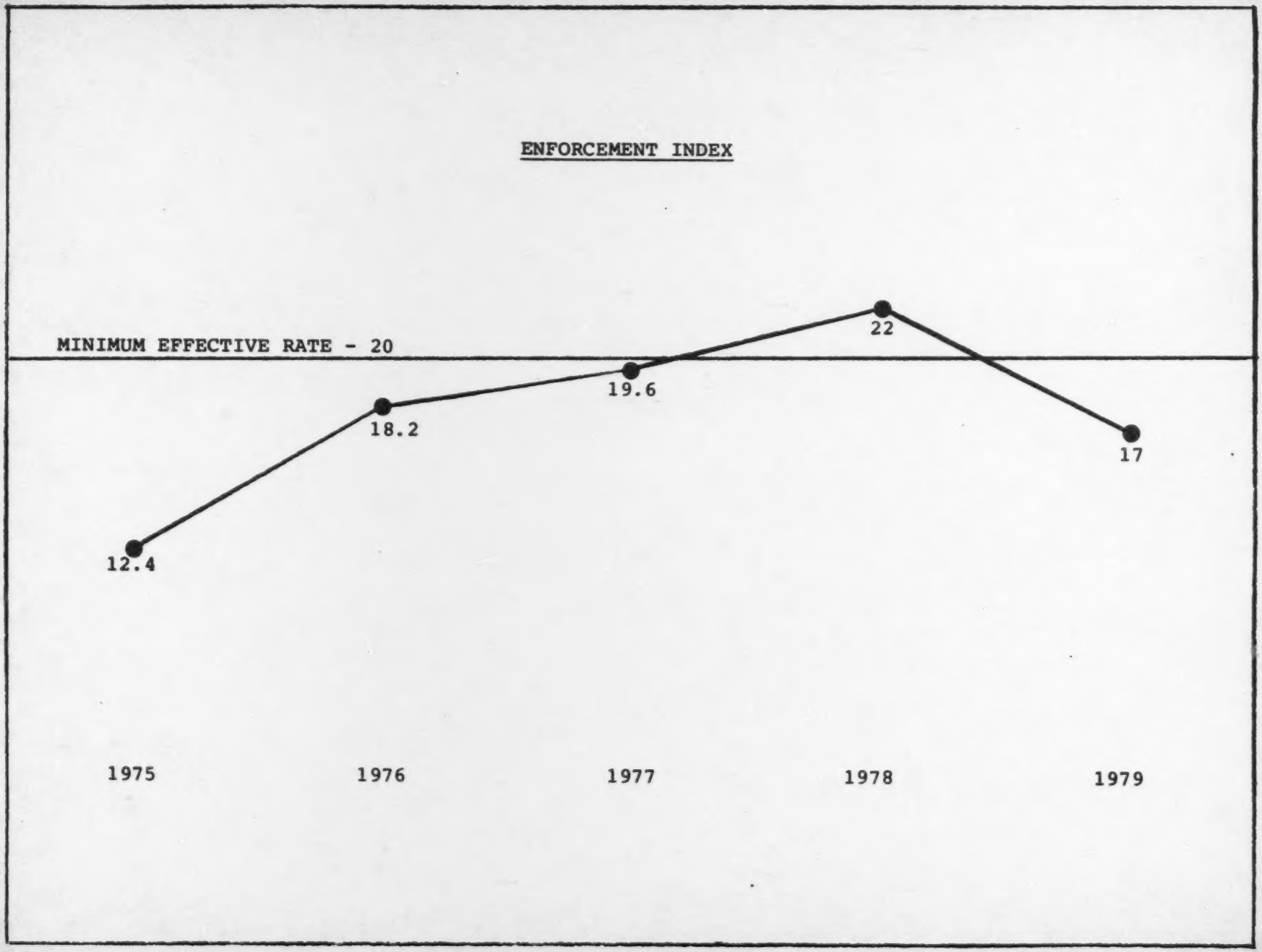
CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (DAMAGE & ENFORCEMENT, NO INVES.) ....ANNUAL 1979

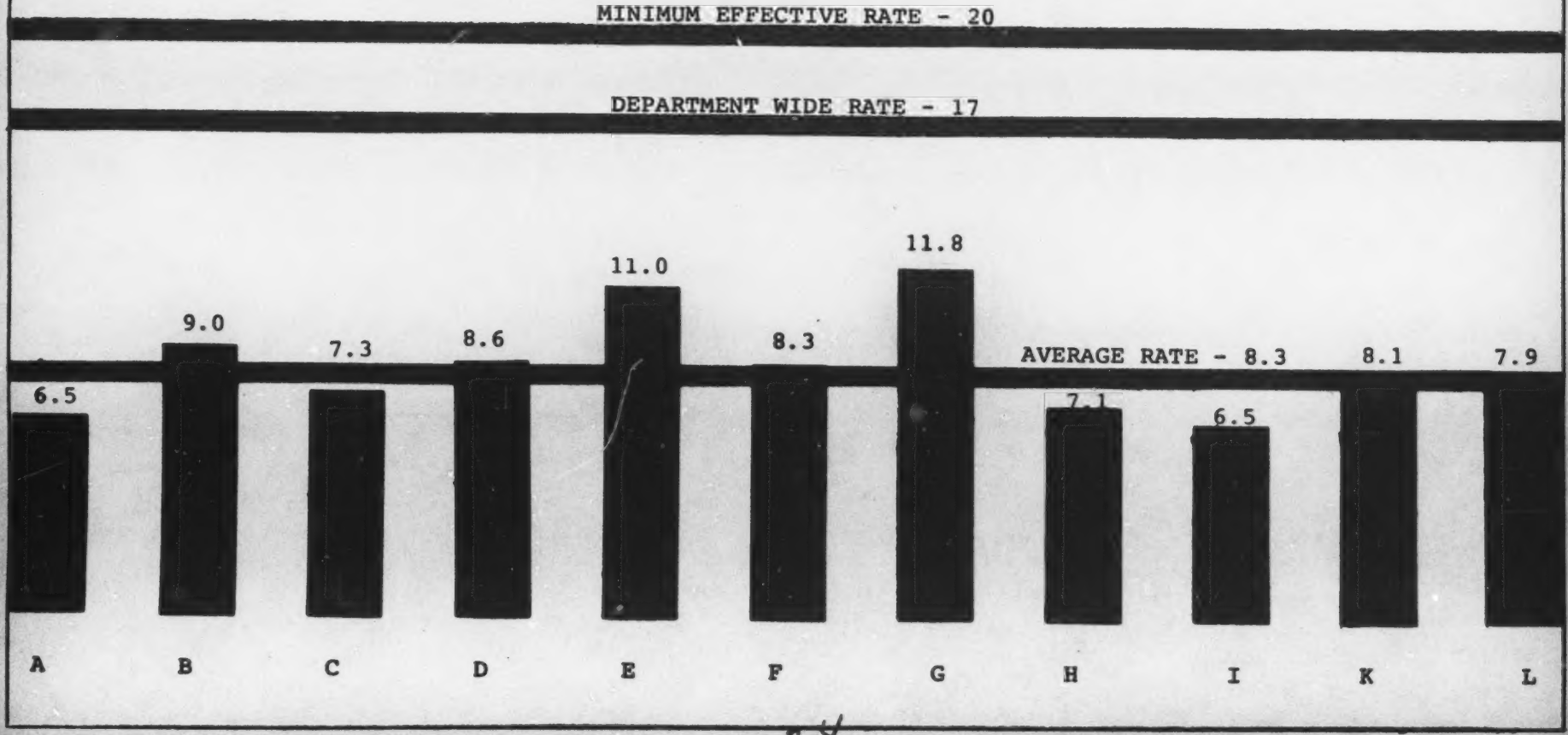
DAMAGE	A	B	C	D	E	F	G	H	I	K	L	TOTALS
PROPERTY	1,414	569	1,105	745	1,419	1,121	2,157	2,395	1,665	1,037	781	14,408
INJURY	590	240	534	389	659	592	696	890	770	492	314	6,166
FATAL	11	8	22	20	26	12	31	24	21	24	10	209
UNTIMELY												0
TOTALS....	2,015	817	1,661	1,154	2,104	1,725	2,884	3,309	2,456	1,553	1,105	20,783

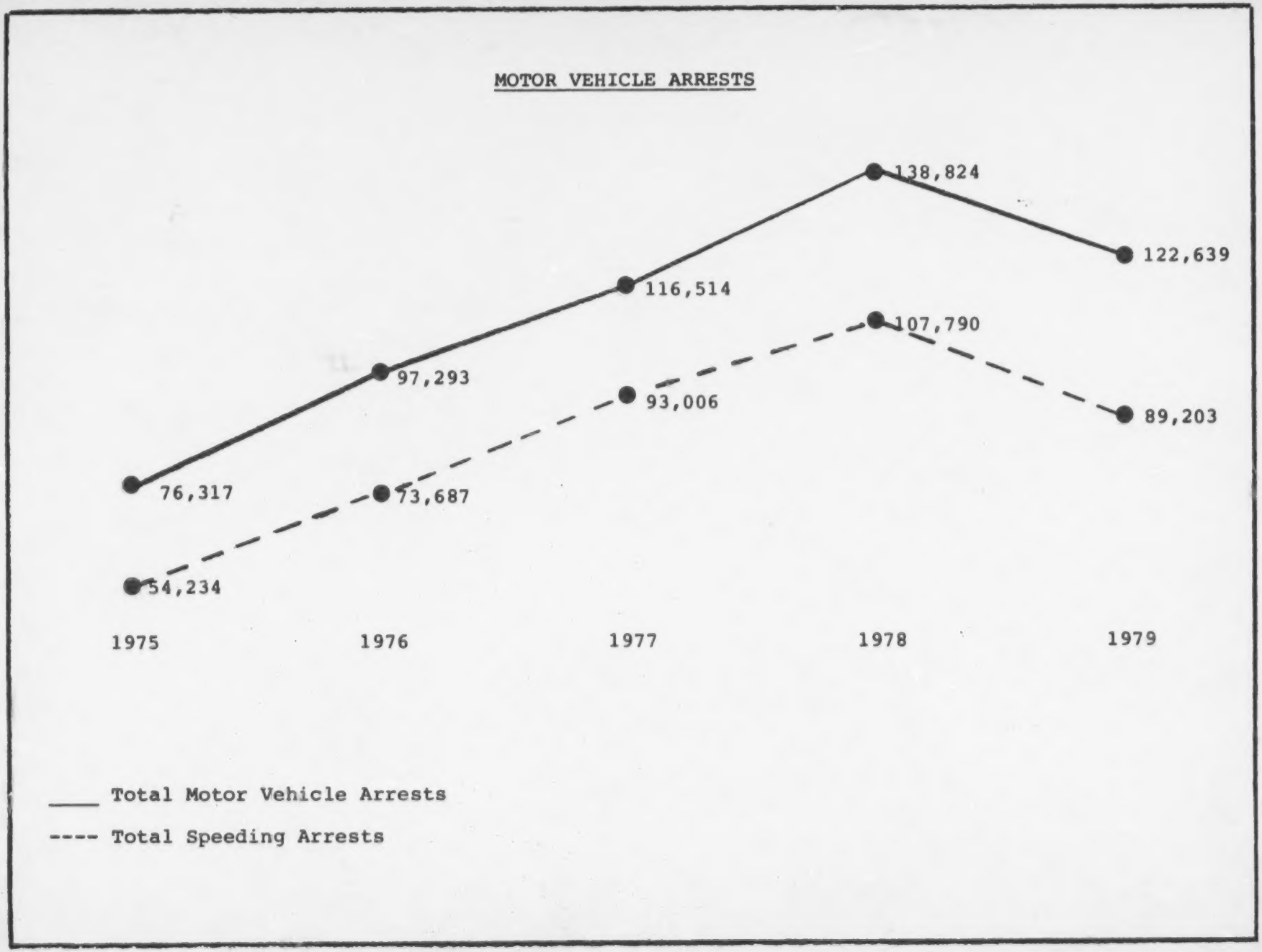
ENFORCEMENT												
ARRESTS	771	320	876	711	920	936	1,330	1,431	882	752	418	9,347
WARNINGS	481	236	498	265	543	413	749	948	888	429	323	5,773
NO ACTION	693	161	244	224	520	402	638	1,096	244	397	255	4,874
BEYOND	23	12	22	25	30	34	28	55	40	55	18	342
PENDING												0
LIC. REFER	6	2	3	2	2	2	4	11	5	2	10	49
HWY. REFER	7		2	1	1		3	5	1	2	1	23
TOTALS....	2,015	817	1,661	1,154	2,104	1,725	2,884	3,309	2,456	1,553	1,105	20,783

NO INVES.	
	0


ENFORCEMENT INDEX
MINIMUM EFFECTIVE RATE - 20
12.4
18.2
19.6
22
17
1975
1976
1977
1978
1979

ENFORCEMENT INDEX BY TROOP
1979




MOTOR VEHICLE ARRESTS
138,824
122,639
116,514
107,790
97,293
93,006
89,203
76,317
73,687
54,234
1975
1976
1977
1978
1979
Total Motor Vehicle Arrests
Total Speeding Arrests

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF STATE POLICE

Annual Report - 1979

TOTAL HAZARDOUS SUMMONSES	108,616
TOTAL NON-HAZARSOUS SUMMONSES	10,688
TOTAL EQUIPMENT SUMMONSES	3,335
TOTAL SUMMONSES	122,639

COMMERCIAL SUMMONSES 22,134 PASSENGER SUMMONSES 100,073

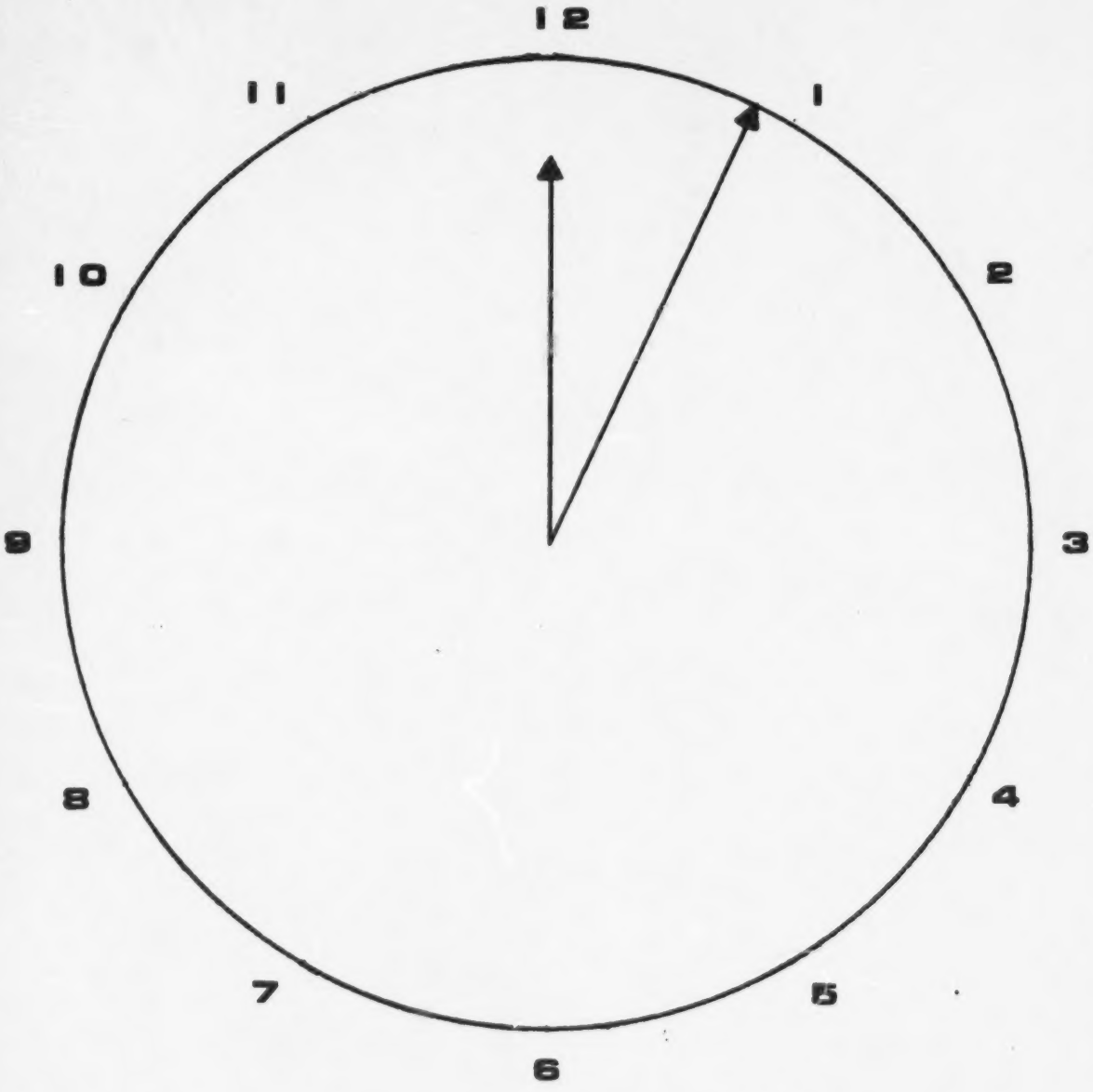
CHARGES

CHARGE TITLE	COMMERCIAL	PASSENGER
SPEEDING	5,358	83,845
RECKLESS DRIVING	119	1,564
OPERATING UNDER THE INFLUENCE	86	1,101
PASSING SCHOOL BUS	11	67
OTHER HAZARDOUS	2,240	10,394
OPERATING UNDER SUSPENSION	305	1,443
LICENSE VIOLATIONS	342	2,867
REGISTRATION VIOLATIONS	975	3,528
TAX STAMP	2,372	0
OVERWEIGHT	4,863	0
FAILURE TO SECURE LOAD	114	10
OTHER NON-HAZARDOUS	4,249	1,777
EQUIPMENT VIOLATIONS	2,476	1,469
TOTAL CHARGES	23,510	108,065

PEDESTRIAN 432

MOTOR VEHICLE ARRESTS BY TROOP

TROOP	HAZARDOUS	NON-HAZARDOUS	DEF. EQUIP.	TOTAL
A	3,889	338	88	4,315
B	2,249	238	72	2,559
C	4,062	478	113	4,653
D	3,499	606	285	4,390
E	7,576	610	194	8,380
F	5,035	775	225	6,035
G	8,564	758	133	9,455
H	6,426	745	119	7,290
I	5,154	648	130	5,932
K	4,176	509	87	4,772
L	2,559	237	79	2,875
T.D.	55,427	4,746	1,810	61,983
TOTAL	108,616	10,688	3,335	122,639



1 arrest is made every 4.285 minutes

S 1256-2

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC SAFETY

1980

HIGHWAY SAFETY REPORT

HON. WILLIAM O'NEILL
Governor

COL. LESTER FORST
Commanding Officer of State Police

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CONNECTICUT STATE POLICE
HIGHWAY SAFETY REPORT

January 1 - December 31, 1980

INTRODUCTION

This report contains the results of Motor Vehicle Accident Investigations and Motor Vehicle Law Enforcement carried out by the Division of State Police during calendar year 1980. This information concerns itself solely with those highways for which the Connecticut State Police has patrol responsibility.

Unfortunately, the number of fatal accidents occurring on Connecticut's Highways remained at near record levels. However, the number of fatal accidents occurring in areas of State Police jurisdiction during 1980 decreased by 16.2% from the level of 1979. This marks the first decrease in the number of fatal accidents occurring in State Police jurisdiction in five years.

Fatal accidents continue to occur most frequently on Friday, Saturday and Sunday between the hours of 10 P.M. and 3 A. M.

Analysis of fatal accidents clearly indicates that in at least 40% of all fatal accidents occurring in areas of State Police jurisdiction the operator was operating under the influence of liquor/drugs.

With the changes that have been made in both the operating under the influence statute and the implied consent statute we will be able to have a positive impact in this problem area in the future.

The Connecticut State Police are constantly striving to reduce accidents and thus provide the maximum safety possible for the millions of people who use Connecticut's highways. Hopefully, through our every increasing effort and with the help and awareness of the driving public, we will succeed in making our highways the safest in the nation.

Colonel Lester J. Forst
Deputy Commissioner of Public Safety

Prepared by Crimes/Traffic Analysis Unit July, 1981

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (TIME OF DAY) .... ANNUAL 1980

TIME OF DAY	A	B	C	D	E	F	G	H	I	K	L	TOTALS
0000	96	32	103	71	141	99	127	197	121	73	67	1,127
0100	99	40	82	72	137	99	104	170	124	91	69	1,087
0200	85	31	70	58	150	78	117	177	127	88	65	1,046
0300	58	28	48	28	75	66	94	110	70	46	31	654
0400	40	15	21	17	60	36	62	69	37	22	13	392
0500	32	9	15	20	38	26	48	52	34	22	10	306
0600	48	18	23	23	64	35	57	71	50	40	21	450
0700	98	24	47	36	98	46	96	158	107	60	45	815
0800	83	24	58	19	74	62	114	120	128	45	28	755
0900	49	25	41	21	51	41	85	78	84	45	47	567
1000	51	20	41	41	77	49	85	57	80	50	28	579
1100	64	24	42	30	84	52	85	94	84	51	25	635
1200	68	32	47	53	114	61	84	89	86	57	51	742
1300	88	39	58	60	102	70	87	106	110	61	39	820
1400	89	46	72	80	124	87	120	112	120	63	58	971
1500	133	44	82	63	120	95	157	160	132	87	55	1,128
1600	118	41	98	93	144	118	169	235	173	99	78	1,366
1700	109	55	100	84	149	105	233	210	166	113	70	1,394
1800	96	29	94	82	132	80	148	127	125	69	40	1,022
1900	67	46	84	62	110	74	107	127	93	68	44	862
2000	65	41	72	78	93	77	89	114	97	61	44	831
2100	92	37	67	67	117	67	104	115	87	69	49	871
2200	78	42	87	64	126	103	108	125	102	80	67	982
2300	99	44	89	76	160	107	124	186	124	72	51	1,132
2400	1	1			4	1			1	1	1	10
UNKNOWN	4	11	2	6	20	6	1	7	4	5	8	74
UNKNOWN												0
TOTALS....	1,910	798	1,543	1,304	2,564	1,740	2,605	3,066	2,466	1,538	1,104	20,638

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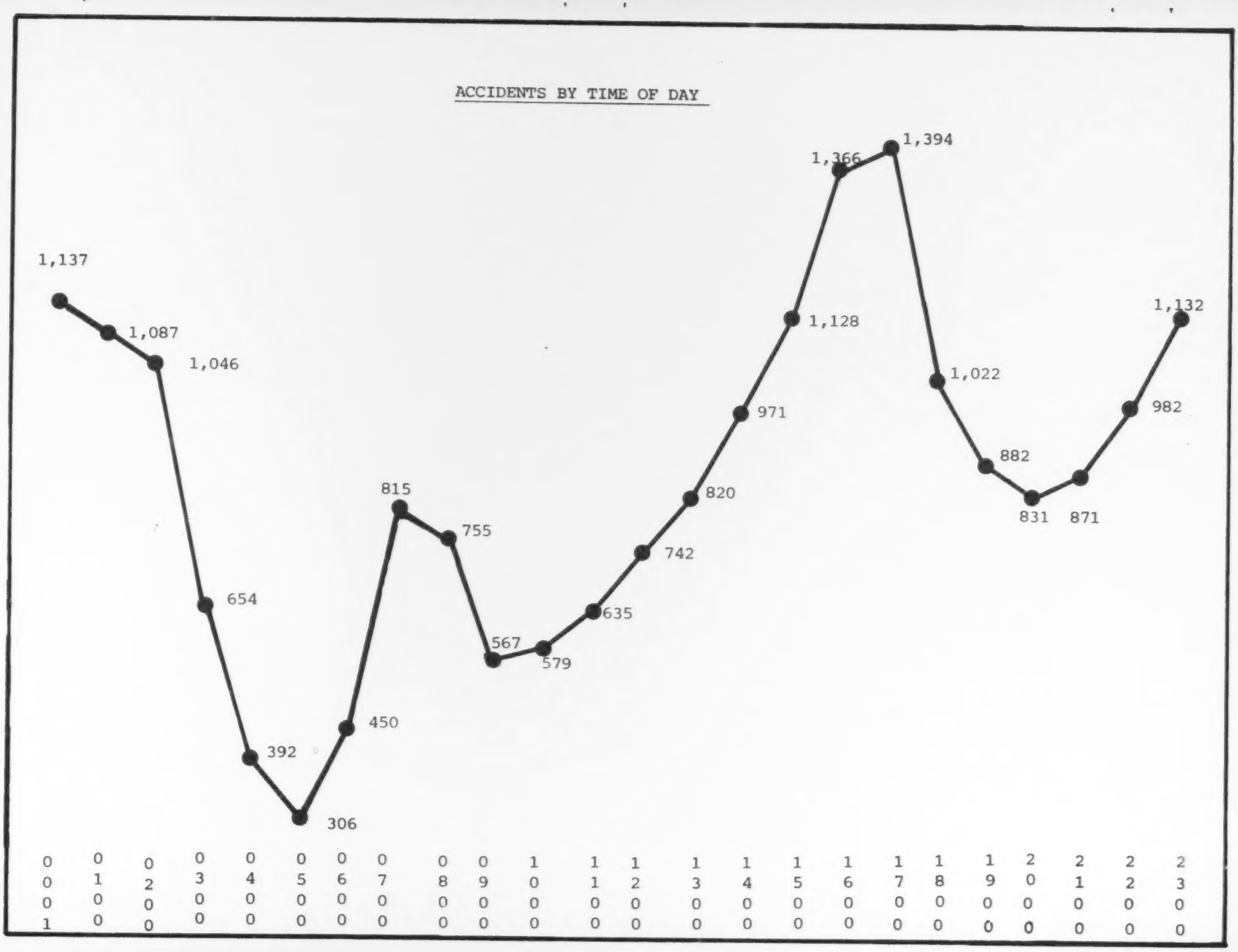
ACCIDENTS BY TIME OF DAY

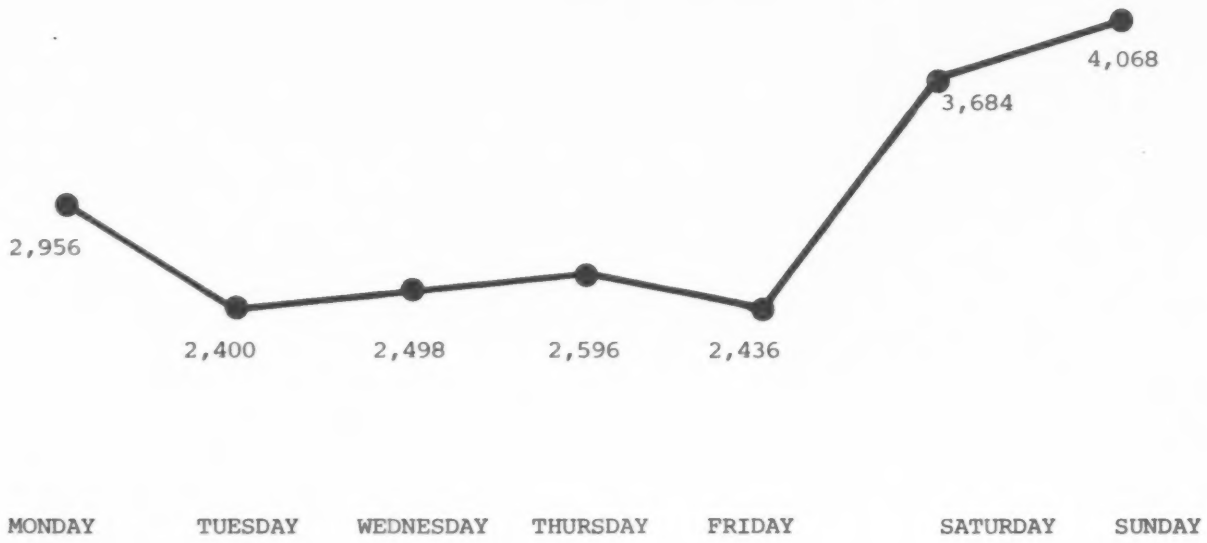


CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (DAY OF WEEK) .... ANNUAL 1980

DAY OF WEEK	A	B	C	D	E	F	G	H	I	K	L	TOTALS
MONDAY	294	147	229	178	356	301	336	382	331	231	171	2,958
TUESDAY	202	85	180	143	282	228	330	336	326	164	124	2,400
WEDNESDAY	237	78	189	161	308	189	353	399	297	170	117	2,498
THURSDAY	274	75	164	159	328	216	329	406	318	194	133	2,596
FRIDAY	209	98	172	155	293	190	309	391	290	193	136	2,436
SATURDAY	350	142	293	237	419	277	507	566	444	252	197	3,684
SUNDAY	344	173	316	271	578	339	441	586	460	334	226	4,068
UNKNOWN												0
TOTALS....	1,910	798	1,543	1,304	2,564	1,740	2,605	3,066	2,466	1,538	1,104	20,638

ACCIDENTS BY DAY OF WEEK



TOTAL MOTOR VEHICLE ACCIDENTS

REPORTED BY MONTH

MONTH	A	B	C	D	E	F	G	H	I	K	L	TOTAL
JAN.	92	46	115	96	177	104	171	222	160	90	76	1,349
FEB.	179	85	119	90	201	119	187	187	232	95	83	1,577
MARCH	184	74	155	87	197	139	206	229	185	103	103	1,662
APRIL	127	50	91	73	155	108	224	212	196	99	59	1,394
MAY	150	53	127	109	193	158	214	267	201	127	79	1,678
JUNE	150	55	117	119	222	185	178	293	154	125	103	1,701
JULY	159	59	113	116	206	167	203	240	188	125	102	1,678
AUG.	159	61	113	104	238	182	218	232	177	129	79	1,692
SEPT.	142	65	105	113	243	166	186	266	186	128	96	1,696
OCT.	134	65	113	87	165	128	183	236	160	134	77	1,482
NOV.	160	75	141	115	202	116	211	303	201	136	109	1,769
DEC.	228	89	188	166	313	180	296	327	300	205	141	2,433
TOTAL	1,864	777	1,497	1,275	2,512	1,752	2,477	3,014	2,340	1,496	1,107	20,111

TOTAL MOTOR VEHICLE ACCIDENTS

5 YEAR COMPARISON

YEAR	TOTAL ACCIDENTS	PROPERTY DAMAGE	PERSONS INJURED	FATALS	SP-300-C	TOTAL ACCS. REPORTED
1976	13,878	8,994	4,759	134	4,467	18,345
% Change	-3%	+3%	-12%	-3%	-2%	+3%
1977	16,790	11,321	5,302	167	3,471	20,261
% Change	+21%	+26%	+11%	+25%	-22%	+10%
1978	17,636	11,929	5,556	172	2,655	20,291
% Change	+5%	+5%	+5%	+3%	-23%	+.15%
1979	20,783	14,408	6,147	228	N/A	20,783
% Change	+18%	+21%	+11%	+33%	N/A	+2%
1980	20,638	13,842	6,640	156	N/A	20,638
% Change	-.01%	-4%	+8%	-32%	N/A	-.01%

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (TYPE OF ACCIDENT) .... ANNUAL 1980

TYPE ACCIDENT	A	B	C	D	E	F	G	H	I	K	L	TOTALS
RAN OFF ROAD	565	267	505	428	870	615	478	609	547	463	392	5,739
OVERTURNED	60	41	54	47	90	43	46	73	69	71	50	644
NON COLLISION	23	7	13	19	29	13	22	31	32	10	9	208
OTHER MV	792	254	670	522	978	668	1,451	1,679	1,267	650	386	9,317
PARKED MV	41	30	36	47	107	51	39	74	44	55	37	561
PEDESTRIAN	15	10	16	27	37	19	14	17	9	21	4	189
ANIMAL	31	43	18	34	45	18	21	17	16	48	31	322
BICYCLIST	6	3	8	9	16	5		4	3	8	3	65
RR TRAIN		1	1		2	1				2		7
FIXED OBJECT	283	115	170	143	294	248	397	429	332	178	153	2,742
OTHER OBJECT	94	27	52	28	96	59	137	133	147	32	39	844
UNKNOWN												0
TOTALS....	1,910	798	1,543	1,304	2,564	1,740	2,605	3,066	2,466	1,538	1,104	20,638

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (BY ROUTES) .... ANNUAL 1980

ROUTE	A	B	C	D	E	F	G	H	I	K	L	TOTALS
CONN. TURNPIKE	0				137	443	1,812		790			3,182
STATE ROUTES	587	577	846	764	1,275	888	211	578	753	987	743	8,209
MERRITT PKWY.							564					564
W.C. PARKWAY			5					48	323			376
INTERSTATE 84	858		1					912		47		1,818
INTERSTATE 86			164					191				355
INTERSTATE 91								1,116	424			1,540
INTERSTATE 95					324							324
RURAL ROADS	465	221	527	540	828	409.	18	221	176	504	361	4,270
UNKNOWN												0
TOTALS....	1,910	798	1,543	1,304	2,564	1,740	2,605	3,066	2,466	1,538	1,104	20,638

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (NO. OF DEATHS, INJURIES, ETC. BY ROUTE) .... ANNUAL 1980

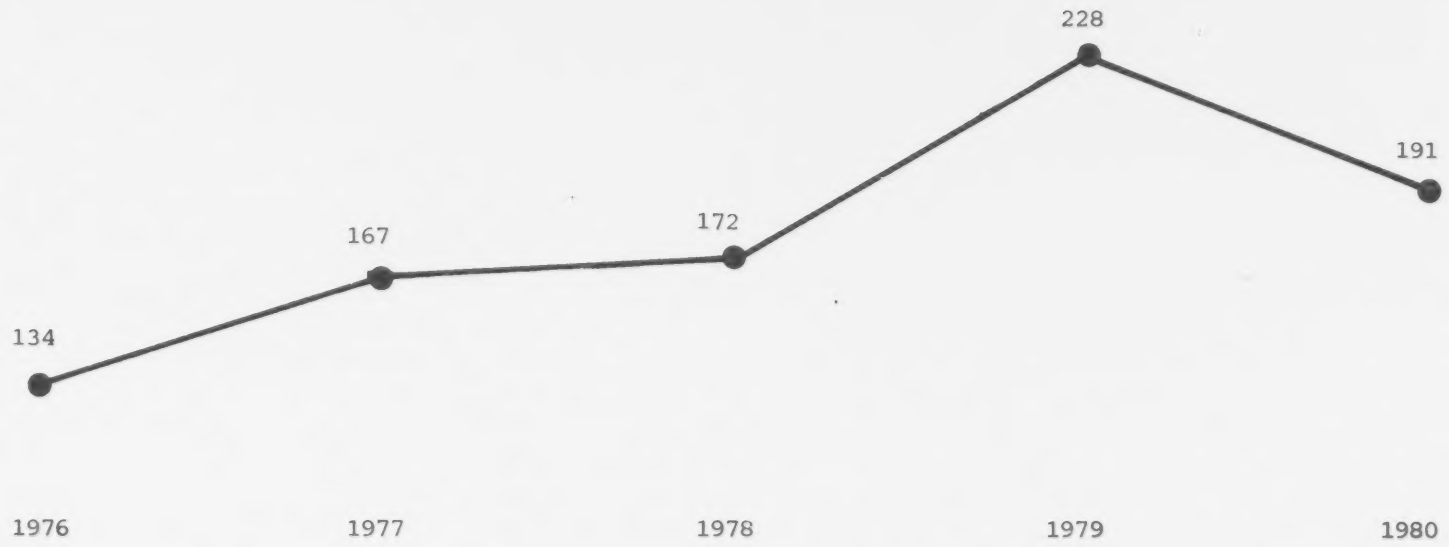
	TROOP	NO. OF DEATHS	NO. OF INJURIES	FATAL ACCIDENTS	NON-FATAL INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS	
CONN. TURNPIKE	E	1	54	1	39	97	
	F	2	208	2	147	294	
	G	20	768	15	512	1,285	
	I	4	343	4	217	569	
		27	1,373	22	915	2,245	***
STATE ROUTES	A	3	285	3	191	393	
	B	9	310	7	209	361	
	C	5	517	5	326	515	
	D	13	412	12	262	490	
	E	13	591	12	398	865	
	F	20	435	18	295	575	
	G	1	86	1	62	148	
	H	4	261	4	176	398	
	I	1	326	1	236	516	
	K	12	539	9	358	620	
	L	4	342	3	232	508	
		85	4,104	75	2,745	5,389	***
MERRITT PKWY.	G	5	269	4	190	370	
		5	269	4	190	370	***
W.C. PARKWAY	C					5	
	H		13		12	36	
	I	5	162	5	96	222	
		5	175	5	108	263	***
INTERSTATE 84	A	4	382	4	253	601	
	C		1		1		
	H	5	396	5	281	626	
	K		24		16	31	
		9	803	9	551	1,258	***

CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (NO. OF DEATHS, INJURIES, ETC. BY ROUTE) .... ANNUAL 1980

	TROOP	NO. OF DEATHS	NO. OF INJURIES	FATAL ACCIDENTS	NON-FATAL INJURY ACCIDENTS	PROPERTY DAMAGE ACCIDENTS
INTERSTATE 86	C	6	86	4	52	108
	H		79		53	138
		6	165	4	105	246 ***
INTERSTATE 91	H	8	514	8	329	779
	I		206		141	283
		8	720	8	470	1,062 ***
INTERSTATE 95	E	1	126	1	90	233
		1	126	1	90	233 ***
RURAL ROADS	A	3	215	3	141	321
	B	1	120	1	84	136
	C	3	311	3	223	301
	D	4	290	4	192	344
	E	6	343	6	250	572
	F	2	197	2	146	261
	G		8		6	12
	H	3	107	2	75	144
	I	1	78	1	54	121
	K	3	260	3	179	322
	L	3	152	3	116	242
		29	2,081	28	1,466	2,776 ***
GRAND TOTALS.....		175	9,816	156	6,640	13,842

FATAL ACCIDENTS



FATAL ACCIDENT CAUSES

EXCESSIVE SPEED	31
OPERATING UNDER THE INFLUENCE	79
OTHER IMPROPER DRIVING	53
RECKLESS USE OF HIGHWAY BY PEDESTRIAN	17
OTHER CAUSES OR UNKNOWN	11
	191

FATAL ACCIDENTS BY DAY OF WEEK

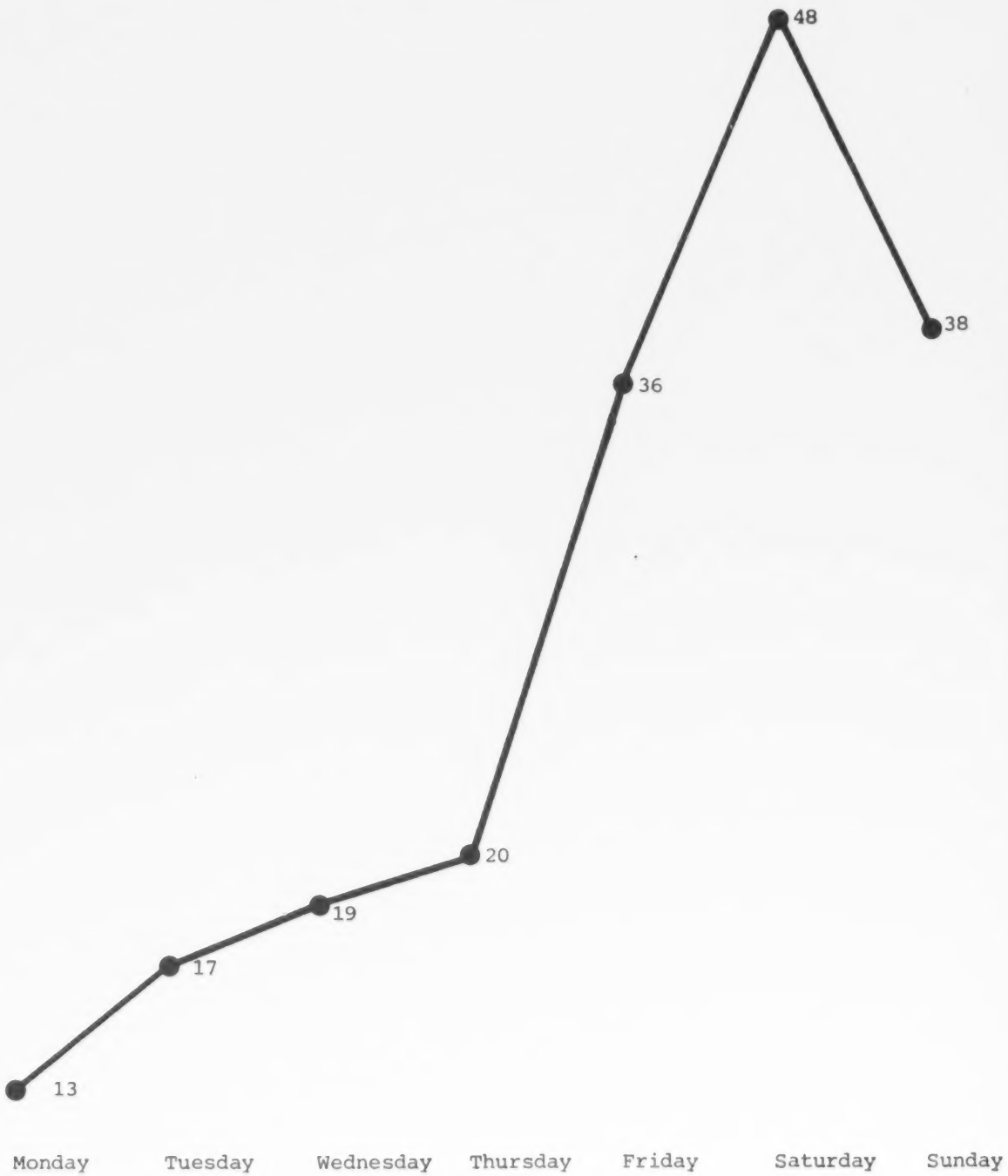
MONDAY	13
TUESDAY	17
WEDNESDAY	19
THURSDAY	20
FRIDAY	36
SATURDAY	48
SUNDAY	38
	191

FATAL ACCIDENTS BY TIME OF DAY

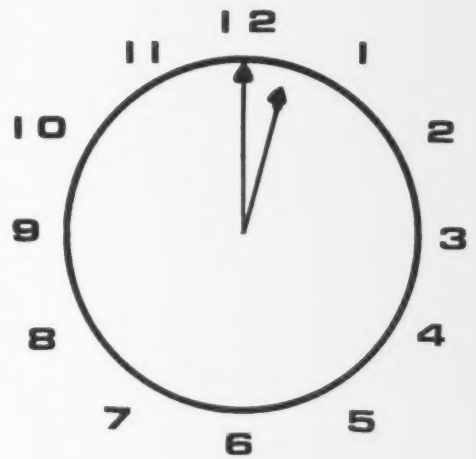
0001 - 0100	15	1200 - 1300	7
0100 - 0200	18	1300 - 1400	7
0200 - 0300	16	1400 - 1500	6
0300 - 0400	8	1500 - 1600	7
0400 - 0500	7	1600 - 1700	11
0500 - 0600	4	1700 - 1800	14
0600 - 0700	3	1800 - 1900	7
0700 - 0800	3	1900 - 2000	8
0800 - 0900	0	2000 - 2100	7
0900 - 1000	0	2100 - 2200	8
1000 - 1100	7	2200 - 2300	11
1100 - 1200	2	2300 - 2400	13
	83		106

*NOTE: TWO CASES OCCURRED AT INDETERMINABLE TIMES.

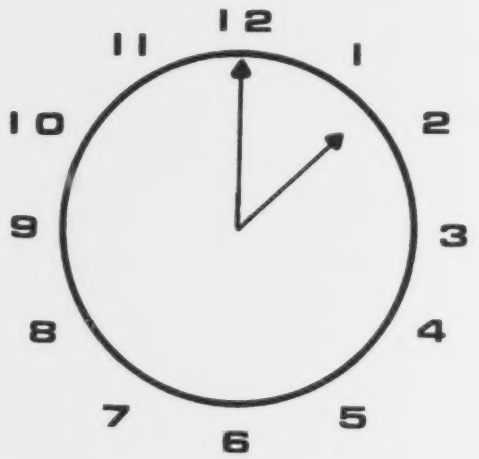
FATAL ACCIDENTS BY DAY OF WEEK



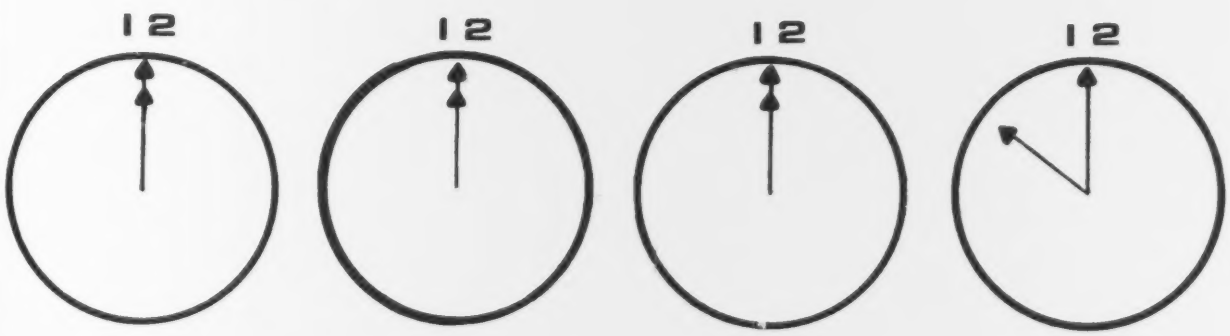
FATAL ACCIDENTS BY TIME OF DAY



1 accident occurs
every 25.468 minutes



1 personal injury accident
occurs every 1.32 hours



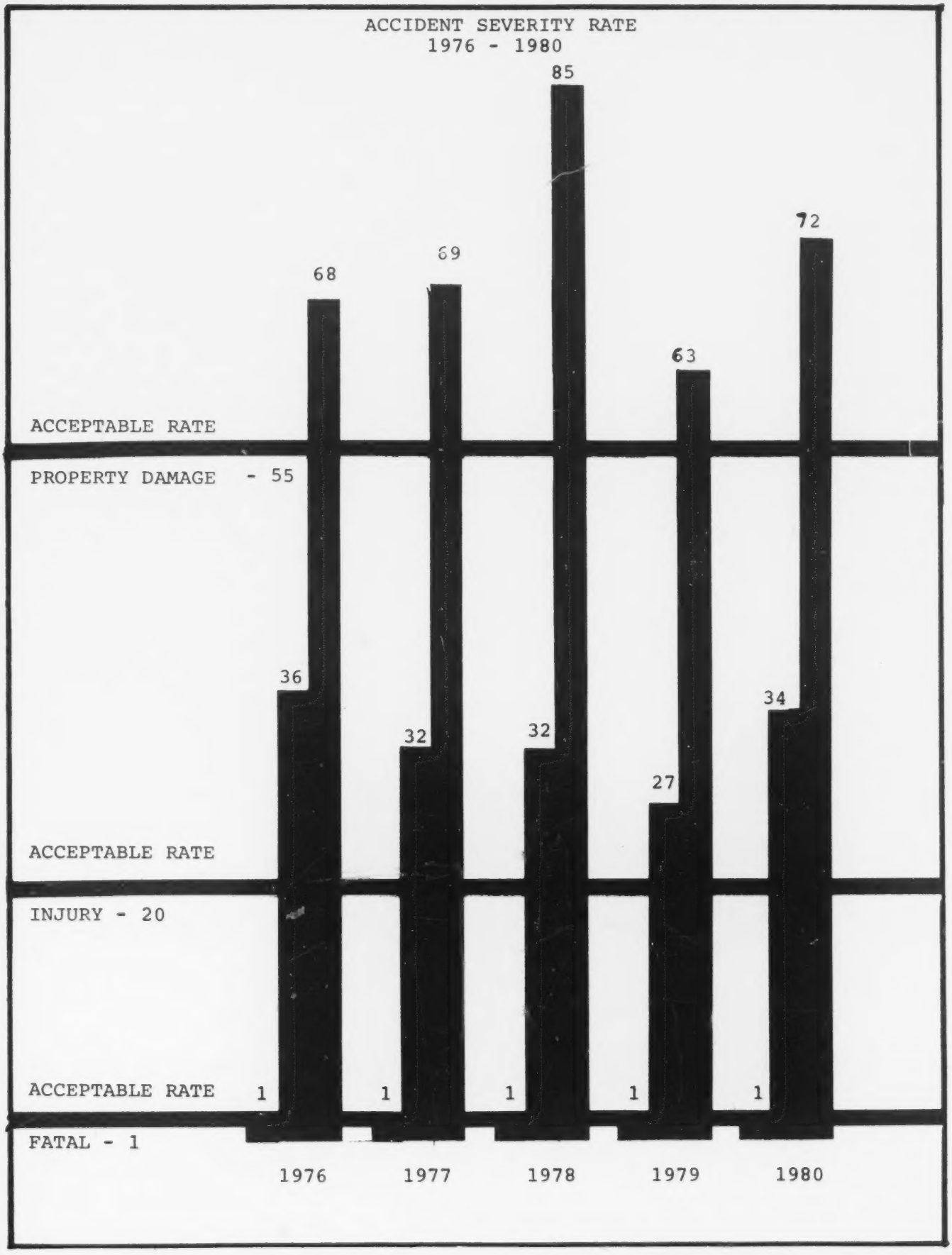
1 fatal accident occurs every 45.86 hours

ACCIDENT SEVERITY RATE

This rate establishes a standard for the number of personal injury accidents and property damage accidents occurring per each fatal accident occurring in an agency's jurisdiction. The acceptable rate for the Connecticut State Police jurisdiction is 1:20:55 (20 personal injury accidents per fatal accident and 55 property damage accidents per fatal accident). It has been assumed that when the property damage accident rate drops below 55 the agency is not providing an adequate highway safety effort.

The State Police Accident Severity Rate for 1980 was:

1:34:72


ACCIDENT SEVERITY RATE
1976 - 1980
85
72
69
68
63
ACCEPTABLE RATE
PROPERTY DAMAGE - 55
36
32
32
27
34
ACCEPTABLE RATE
INJURY - 20
ACCEPTABLE RATE
1
1
1
1
1
FATAL - 1
1976
1977
1978
1979
1980

SELECTIVE ENFORCEMENT

STANDARDS AND RATES

It has always been the aim of police administrators to establish standards that measure the effectiveness of Traffic Law Enforcement Programs. Although this aim has not been totally achieved, some formulas and rates have been established to set points where enforcement is effective and any additional enforcement fails to produce a corresponding decrease in motor vehicle accidents.

The two most commonly used rates are the Enforcement Index and the Accident Severity Rate. These rates are recongnized by the International Association of Chiefs' of Police (I.A.C.P.) and the Traffic Institute of Northwestern University as useful means of evaluating enforcement efforts.

THE ENFORCEMENT INDEX

$$E1 = \frac{\text{Convictions with penalty for hazardous moving violations}}{\text{Personal Injury and Fatal accidents}}$$

The minimum effective rate is declared to be 20.

State Police Rate for 1980: 19*

* Assuming a 100% conviction rate for State Police Hazardous Moving Violation arrests.

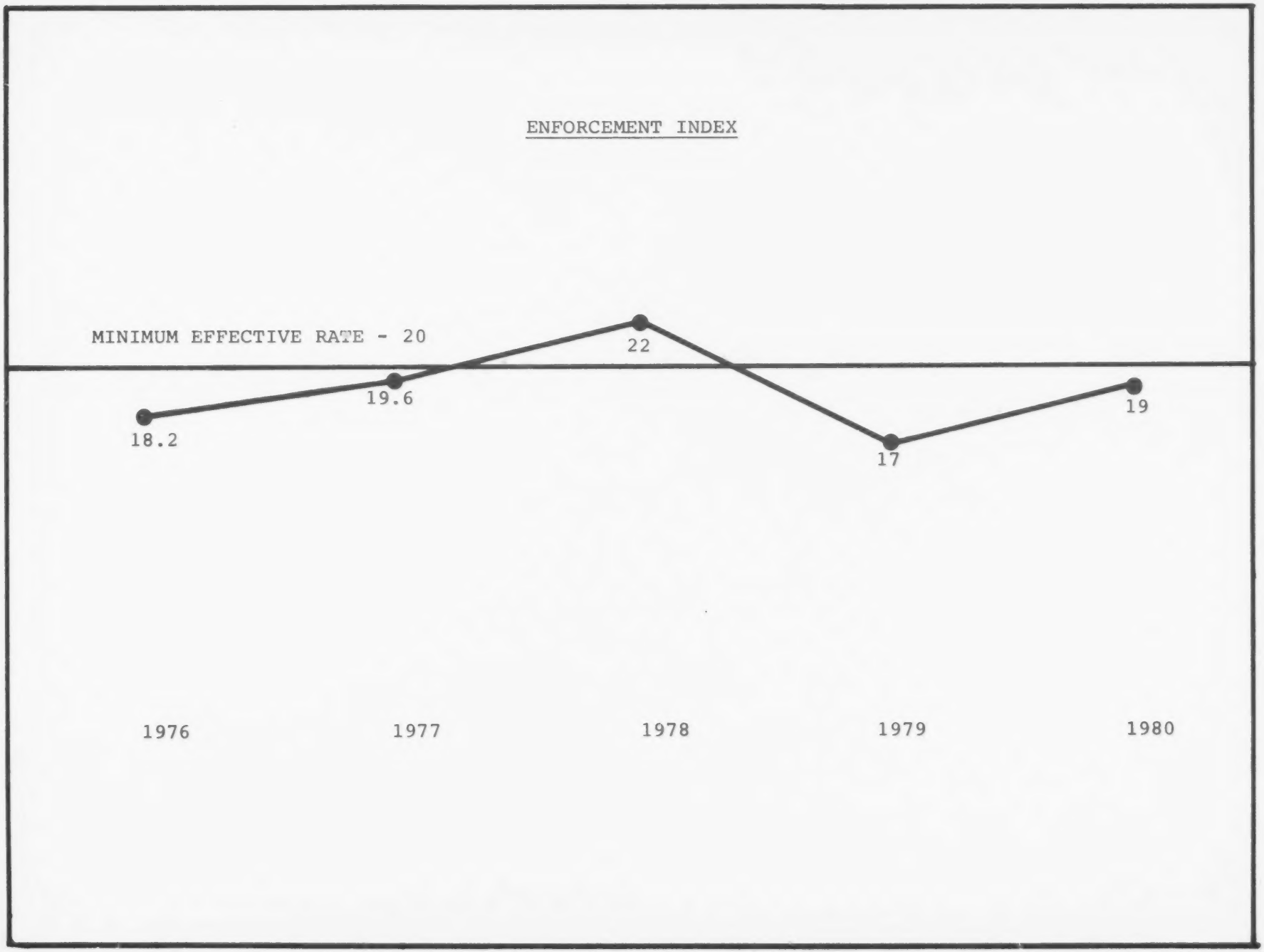
CONNECTICUT STATE POLICE ....

MV ACCIDENT REPORT (DAMAGE & ENFORCEMENT, NO INVES.) ....ANNUAL 1980

DAMAGE	A	B	C	D	E	F	G	H	I	K	L	TOTALS
PROPERTY	1,315	497	929	834	1,767	1,130	1,815	2,121	1,711	973	750	13,842
INJURY	585	293	602	454	777	588	770	926	744	553	348	6,640
FATAL	10	8	12	16	20	22	20	19	11	12	6	156
UNTIMELY												0
TOTALS....	1,910	798	1,543	1,304	2,564	1,740	2,605	3,066	2,466	1,538	1,104	20,638

ENFORCEMENT												
ARRESTS	794	307	788	754	1,227	975	1,358	1,360	1,008	788	508	9,867
WARNINGS	475	208	434	304	675	378	560	732	748	364	321	5,199
NO ACTION	618	210	293	345	524	526	589	1,330	369	370	240	5,414
BEYOND	20	5	20	23	21	17	20	14	18	19	10	187
PENDING												0
LIC. REFER	4	1	1		6	2	3	5	3		3	28
HWY. REFER												0
TOTALS....	1,911	731	1,536	1,426	2,453	1,898	2,530	3,441	2,146	1,541	1,082	20,695

NO INVES.	
	0

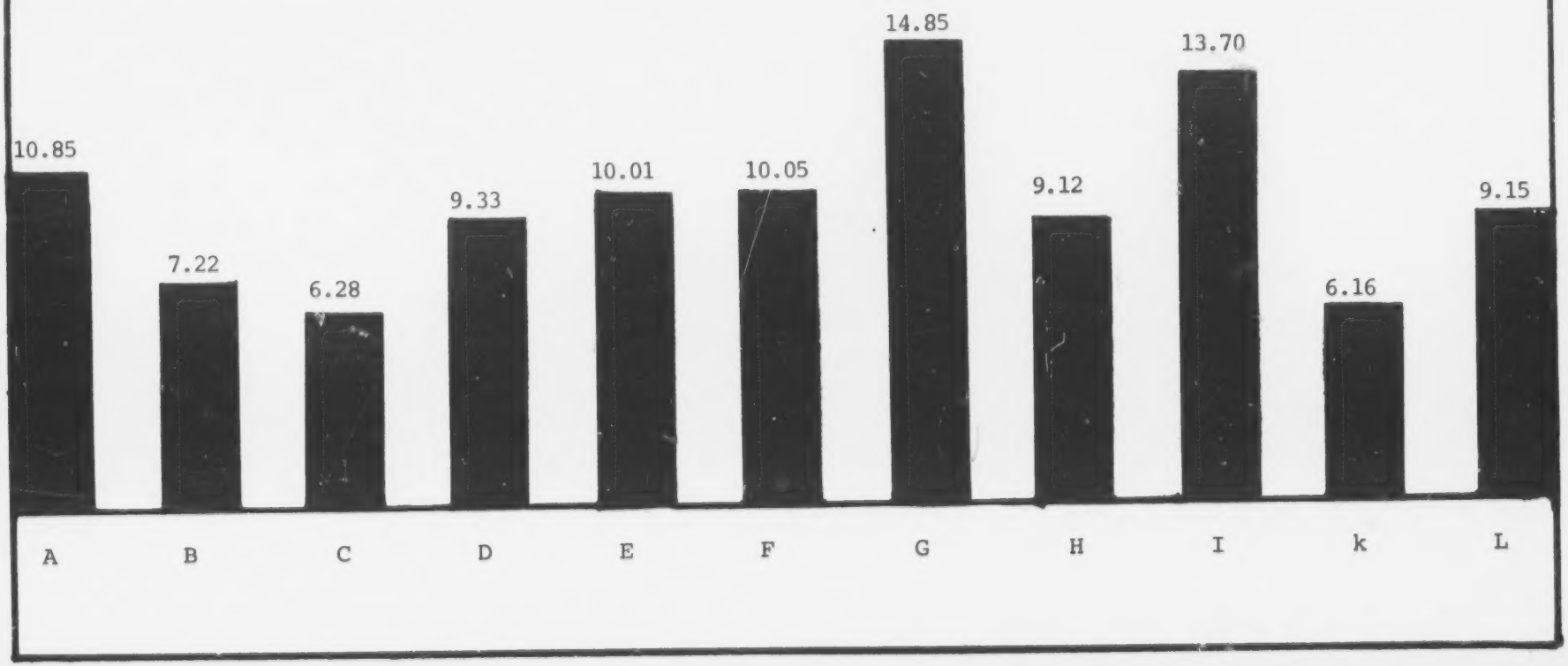

ENFORCEMENT INDEX
MINIMUM EFFECTIVE RATE - 20
18.2
19.6
22
17
19
1976
1977
1978
1979
1980

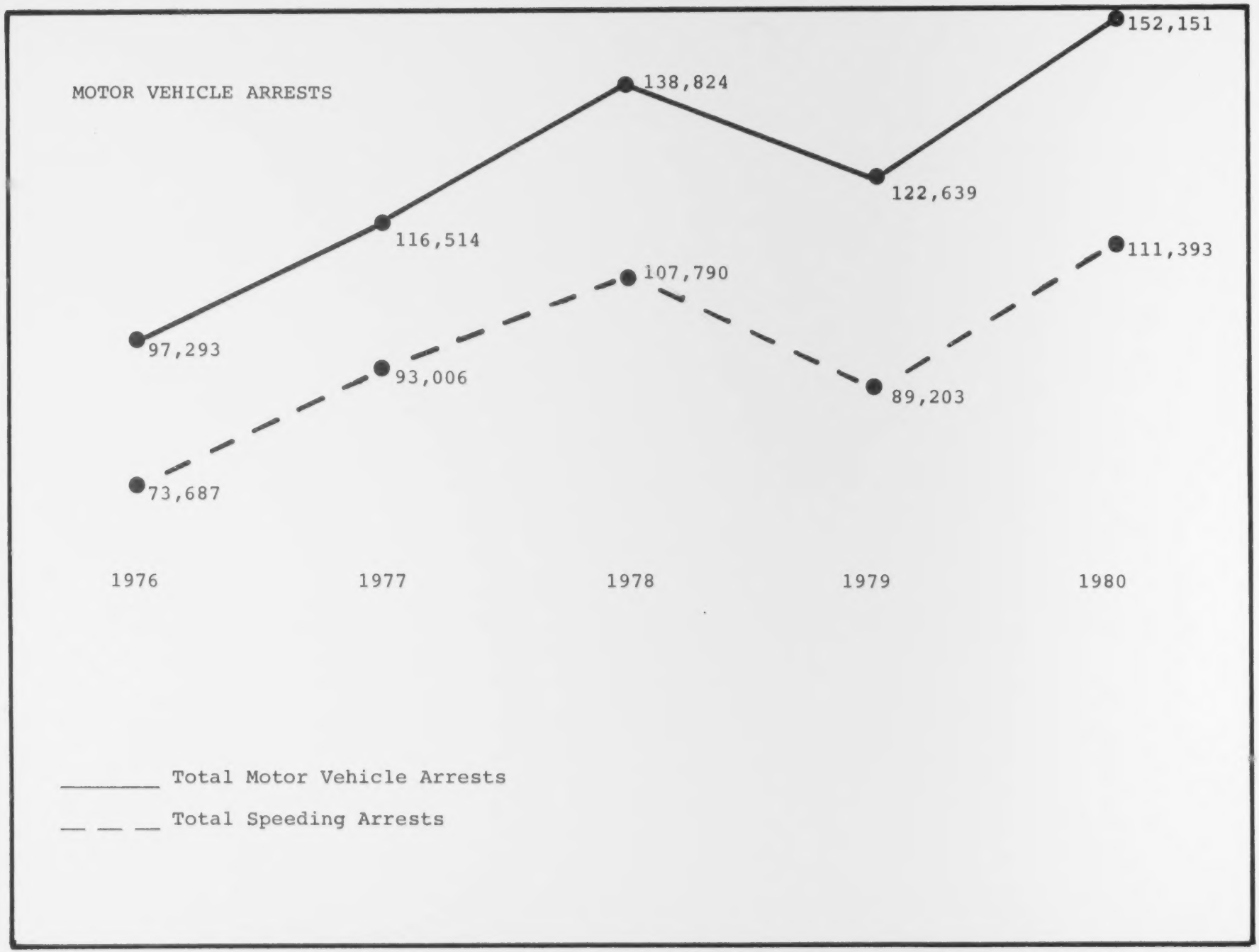
ENFORCEMENT INDEX BY TROOP

1980

MINIMUM EFFECTIVE RATE - 20

DEPARTMENT WIDE RATE - 19




MOTOR VEHICLE ARRESTS
152,151
138,824
122,639
116,514
111,393
107,790
97,293
93,006
89,203
73,687
1976
1977
1978
1979
1980
Total Motor Vehicle Arrests
Total Speeding Arrests

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF STATE POLICE

Annual Report - 1980

TOTAL HAZARDOUS SUMMONSES	129,204
TOTAL NON-HAZARDOUS SUMMONSES	17,179
TOTAL EQUIPMENT SUMMONSES	5,768
TOTAL SUMMONSES	152,151

COMMERCIAL SUMMONSES 28,481 PASSENGER SUMMONSES 123,380

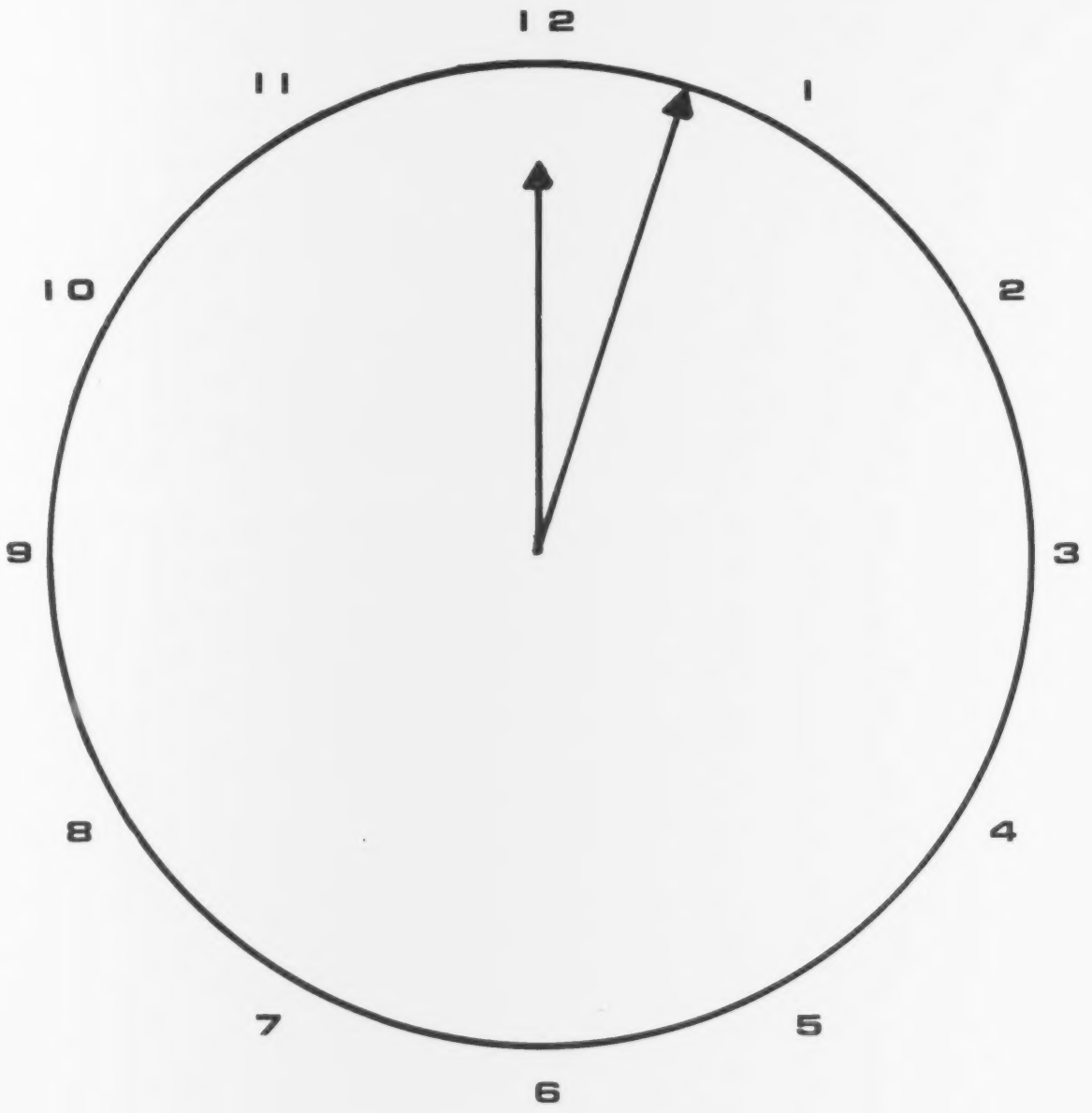
CHARGES

CHARGE TITLE	COMMERCIAL	PASSENGER
SPEEDING	6,234	105,159
RECKLESS DRIVING	83	1,356
OPERATING UNDER THE INFLUENCE	47	1,029
PASSING SCHOOL BUS	7	79
OTHER HAZARDOUS	5,130	9,987
OPERATING UNDER SUSPENSION	212	1,444
LICENSE VIOLATIONS	381	2,862
REGISTRATION VIOLATIONS	1,319	4,401
TAX STAMP	4,626	-0-
OVERWEIGHT	2,598	5
FAILURE TO SECURE LOAD	130	23
OTHER NON-HAZARDOUS	3,268	2,598
EQUIPMENT VIOLATIONS	4,664	1,209
TOTAL CHARGES	28,699	130,152
PEDESTRIAN		290

MOTOR VEHICLE ARRESTS

BY TROOP

TROOP	HAZARDOUS	NON-HAZARDOUS	DEF. EQUIP.	TOTAL
A	6,460	886	164	7,510
B	2,325	264	70	2,659
C	3,857	528	123	4,508
D	4,389	632	267	5,288
E	7,981	930	186	9,097
F	6,133	833	233	7,199
G	11,730	1,363	200	13,293
H	8,617	1,059	173	9,849
I	10,340	779	209	11,328
K	3,482	538	81	4,101
L	3,240	322	94	3,656
T. D.	60,650	9,045	3,968	73,663
TOTAL	129,204	17,179	5,768	152,151



1 arrest is made every 3.45 minutes